

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (original) An end face sensor device characterized in that a receiving part for receiving information from a subject and outputting the information as another information is formed on an end face of a linear body.

2. (previously presented) An end face sensor device as claimed in claim 1, characterized in that the receiving part is a light sensor.

3. (original) An end face sensor device as claimed in claim 2, characterized in that the light sensor is any of a photodiode, a phototransistor, a photo IC, a photo thyristor, a photoconductive element, a pyroelectric element, a color sensor, a solid-state image sensor, an element for position detection, and a solar battery.

4. (original) An end face sensor device as claimed in claim 1, characterized in that the receiving part is a temperature sensor.

5. (original) An end face sensor device as claimed in claim 1, characterized in that the receiving part is a humidity sensor.

6. (original) An end face sensor device as claimed in claim 1, characterized in that the receiving part is an ultrasonic sensor.

7. (original) An end face sensor device as claimed in claim 1, characterized in that the receiving part is a pressure sensor.

8. (previously presented) An end face sensor device as in claim 1, characterized in that a part or all of the receiving part is formed using a conductive polymer.

9. (original) An end face sensor device as claimed in claim 8, characterized in that only one molecule of the conductive polymer is present between electrodes.

10. (previously presented) An end face sensor device as in claim 1, characterized in that the linear body is a linear element in which a circuit element is formed continuously or intermittently in a longitudinal direction.

11. (previously presented) An end face sensor device as in claim 1, characterized by being a linear element in which a cross section having plural regions for forming a circuit is formed continuously or intermittently in a longitudinal direction.

12-26. (canceled)